

# Mining Of General Interest From All Over The Country

## RICH ORE ON SHATTUCK 200 LEVEL GROWING

(Continued from Page One.)

of over 15,000,000 pounds reported in the production figures. Domestic consumption decreased about 9,500,000 pounds from the June figures, but this was more than offset by a gain of 10,400,000 pounds in foreign takings. In the face of the present enormous demand for the red metal, the total stocks reported on hand on August 1, 53,594,945 pounds, will not go very far, and even if production keeps up, which owing to the strike is unlikely, the present indications point to a probable depletion of stocks before the end of the month. Spot copper is practically at a premium with few refineries having the metal to supply.

FOR PURPOSES OF INTERESTING comparison and the forming of metal opinion, the following statement is worth study. It gives in pounds the production and deliveries of copper and the stocks on hand at the end of each month since December, 1909:

	1913.	1912.	1911.	1910.
Jan.	143,479,625	119,537,752	115,695,591	116,547,287
Feb.	136,943,881	116,035,809	109,828,297	120,067,467
Mar.	136,251,849	125,694,601	130,532,089	117,477,639
Apr.	135,333,492	125,464,544	118,085,232	123,242,476
May	141,319,416	126,737,836	126,962,544	112,712,493
June	121,869,853	122,315,240	124,554,312	127,219,188
July	138,674,602	137,161,129	112,167,934	118,370,063
Aug.	145,628,521	125,493,667	127,803,618	
Sept.	140,089,819	115,588,950	119,519,985	
Oct.	145,405,453	118,255,442	126,469,284	
Nov.	124,695,440	111,876,601	119,353,463	
Dec.	143,354,042	122,896,697	123,539,219	
TOTAL	1,581,930,287	1,431,938,338	1,452,122,120	

	1913.	1912.	1911.	1910.
Jan.	132,198,332	66,286,643	142,439,490	98,163,739
Feb.	122,302,198	61,939,988	156,637,770	107,187,902
Mar.	104,269,270	62,827,557	162,007,934	123,824,874
Apr.	75,549,108	65,966,029	165,555,908	141,584,159
May	67,474,225	49,615,634	165,995,932	160,425,973
June	52,814,606	44,355,004	157,434,169	168,356,017
July	53,594,945	50,280,421	137,735,858	170,840,678
Aug.		46,071,374	133,441,501	168,881,245
Sept.		63,065,587	140,894,856	148,793,714
Oct.		76,744,966	134,997,642	139,261,914
Nov.		86,164,059	111,785,188	130,389,069
Dec.		105,312,982	89,454,695	122,030,155

## PROMINENCE FOR MINING IN PANAMA EXPOSITION

(Continued from Page One.)

tidewater terminals of the railroads to the Exposition. There will be railroads to the Exposition. There will be railroads to the Exposition. There will be railroads to the Exposition.

The exhibits in this Exposition will be installed according to a modern classification and according to modern methods. A copy of the Official Classification and of a pamphlet entitled "Information for Exhibitors" may be obtained by application to the Chief of the Department.

Department of Mines and Metallurgy. The Department of Mines and Metallurgy deals with the natural mineral resources of the world, their exploration, exploitation, conversion into metal, their manufacture into structural forms and into raw material for various industries. It takes in the metals and the non-metals, including cement, clay, oil, gas, salt, gypsum, nitre, etc., and their products. The natural resources will, of course, be exhibited by the states of the Union through their several state commissions and by the various nations through their accredited commissions and representatives. It is hoped that each country and state will make a carefully selected exhibit, emphasizing its distinctive mineral product, thereby eliminating the usual

## How to Heal a Stubborn Abscess

A Home Method Sure to Restore Flesh to Natural Health.



Do not cover any external sore so as to interfere with perspiration and the formation of protective scabs. Keep it clean and bandaged. If it is a stubborn case, flush your blood with S. S. S. This famous blood purifier works on the system. And you can easily give your blood a good, thorough cleansing by using S. S. S. There is no need for anyone to be dependent over the ill-effects of blood impurities. No matter how badly they attack the system or how unsightly becomes the skin, just remember there is one local cure as to preserve their mutual welfare and afford a proper relative assistance to each other. More attention is being given to constructive medicine than ever before, and S. S. S. is the highest achievement in this line.

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duplication—the horror of an endless row of cases.

It has been suggested that the exhibition of mining operations proper—that is to say, prospecting, development, and ore extraction—present some difficulty. It may be said that the science and art of mining is a continuous overcoming of difficulties, and we confidently look to the proved ingenuity and resourcefulness of the miner to devise ways and means of illustrating the everyday mining processes. Machinery plays an important part in the operating end of mining, and we expect to develop an interesting instructive exhibit of mining machinery with a reasonable proportion of operative features. Fortunately, we have the metallurgical and manufacturing side to draw on for operating exhibits. Plans are under way for working exhibits in copper smelting, gold milling and the manufacture of nitre. Metallurgical processes, the production and manufacture of cement and clay, gem cutting, the production of crude oil, and the manufacture of its derivatives and by-products furnish a large and interesting field of exhibits.

The responsibility of making a creditable exhibit in this department rests with you—with the individual. The occasion and the opportunity are at hand. The building and the necessary outdoor space are available. The Department is at your service. What are you going to do about it? Please send in your ideas and suggestions. The time for action is short.

## PANAMA-PACIFIC EXPOSITION

(Engineering and Mining Journal.) Elsewhere in this issue we publish a communication from Charles E. van Buren, chief of the Department of Mines and Metallurgy of the Panama-Pacific Exposition, which is the first official calling of the attention of mining men to this important event and their own expected participation in it. We are going to be quite frank in saying that the mining exhibits at Chicago and St. Louis were rather useless efforts and devoid of any great interest. An exhibition of this kind is apt to be dreary and become excessively tiresome when it resolves itself into a presentation of some districts in an illuminating way shown, however, that even this part of a mining exhibition may be made worth while. As for the exhibition of machines, methods of mining and milling, metallurgical processes, etc., the opportunity is boundless.

At San Francisco there will be a better atmosphere than at either Chicago or St. Louis. San Francisco owes itself largely to the mines of California and Nevada, and it is still an important headquarters of mining men. The memories of the old days celebrated by Bret Harte and Mark Twain, moments that have been left by the Comstock millionaires, and the active interests of the present generation of mining men ought to inspire a representation of mining and metallurgy in the forth-coming exposition that will be original, valuable and interesting. Toward this end we urge the co-operation of mining operators in all parts of the world and especially in parts of North America, for while this expos-

## SAYS INTERVENTION IS PERILOUS MOVE



Francisco De La Barra, former Mexican ambassador to Washington, who is now in the United States on his way to France, to act as ambassador.

"Should there be intervention by any chance the universal feeling in Mexico would be such that the grave consequences, in the opinion of Francisco De La Barra, former Mexican ambassador to Mexico, and former Mexican ambassador to Washington, who is now in the United States on his way to France, to act as ambassador.

tion is to be conducted under the direct auspices of California its scope is international. The international engineering congress, which is to be held in San Francisco in 1915, will draw professional men from all parts of the world.

## CHAMPION BOUGHT

Well Known Group To Be Given Extensive Exploration

The formal transfer of the Champion group of mines, in Crook Canyon was concluded in this city yesterday, in which N. H. Getchell, agent for the buyer and W. W. Elliott, James Humphrey and Harry Stratton the sellers, says the Prescott Journal Miner.

What the consideration is, was not given publicity, but the sale is an important one, nevertheless. The late owners have performed a large amount of exploration, and in speaking of the deal yesterday, Mr. Getchell stated he will place quite a large number of men at work immediately, operate energetically and maintain a permanent camp. The close proximity of the Champion to the Y-P Company holdings, on the opposite side of the Senator mountain, is one of the inducements for taking over the property, and the mineral possibilities established, which are decidedly attractive. All of the parties were in the city yesterday to ratify the agreement entered into a few days ago.

Mr. Getchell will continue to be the general manager of the Y-P in the future, devoting a portion of his time to the Champion.

## THINKS ALL STOCKS ARE BAD

NEW YORK, Aug. 16.—Why many men have hard words to say about the Stock Exchange and decried purchases of stocks for investment is shown in a little story told by a broker in the Boston News Bureau.

This broker lives in a New Jersey town and belongs to a bowling club. He said that one evening soon after a certain rubber stock had been listed he was at the club house. Four physicians of the town were also there. They asked him what he thought about purchasing this stock as they had been advised by a banker friend that it was a very good buy. He advised against the purchase saying that it was selling too high and in his opinion would soon seek a lower level, but they appeared to be unconvinced.

A day or two later he met the doctors again and they told him that they had again talked with the banker and he had told them that the broker didn't know what he was talking about, and if they wanted to make money, to buy some of the rubber at once. Within a few days the broker received an order from a clerk of the bank to purchase a block and to have the stock put in the names of the four doctors.

## GIROUX BEING UNWATERED

ELY, Nev., Aug. 16.—Left work of unwatering the big Giroux shaft was begun, and as soon as it can be cleared and the pumps overhauled to keep the mine free of water, drifting in a southeasterly direction will be started. The new level will be headed approximately



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## SAFETY RULES FOR PROTECTION

(Continued from Page 2.)

6. If in doubt as to the meaning of any rule apply to your Foreman or Shift Boss.
7. Every employee whose duty requires him to work with appliances of any kind, must carefully examine same, and report any defects to his Foreman, but shall under no circumstances use tools likely to prove dangerous, until same are repaired.
8. Every employee should report promptly to proper officer any defects affecting the safety of any employee.
9. Vigilance and watchfulness insure safety. To avoid danger adopt the safe course. Employees must not trust to the care exercised by another when their own safety is involved.
10. Do not ride on engines, cars, cranes or other moving bodies, except when required by your duties.
11. Do not turn on any electricity, gas, steam, or water, or set in motion any machinery, or throw down any material, without seeing if anyone is in a position to be injured.
12. Employees are forbidden to take short-cuts over dangerous places.
13. Great care should be taken by men working above other men, not to drop any material without first giving warning to those below. When you are going to work above or below other men, let those men know about it.
14. Use care when pushing cars, that your hands may not be crushed against a post or a low chute.
15. If there are no special rules covering your work, not only know all of the general rules, but also the rules of the department in which you work, and always report to your Foreman anything you think may cause an accident.

## OBSERVANCE OF RULES

1. Violation of any rule will be sufficient ground for censure or dismissal.
2. In case of an accident, the provisions covered by the Company's report blanks shall be carefully complied with.
3. If you are injured, no matter how little, have First Aid treatment given by a trained employee. Advise your Foreman or Shift Boss at once, and see a Doctor. A slight injury may cause blood poisoning.

## THOR Rider Agents Wanted

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